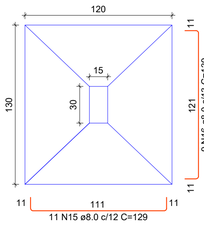
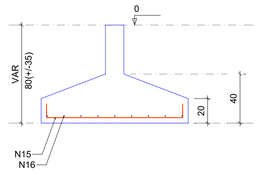
S20

PLANTA
ESC 1:25



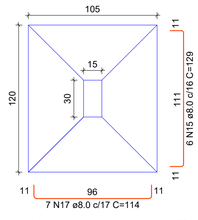
CORTE
ESC 1:25



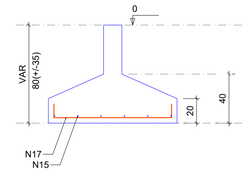
Solo com capacidade de suporte > 1.25 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S21=S26

PLANTA
ESC 1:25



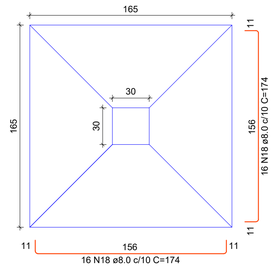
CORTE
ESC 1:25



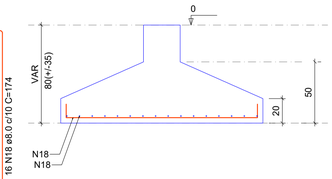
Solo com capacidade de suporte > 1.25 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S23=S24

PLANTA
ESC 1:25



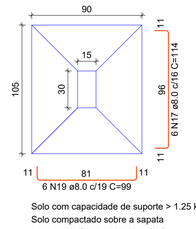
CORTE
ESC 1:25



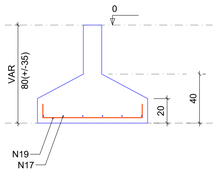
Solo com capacidade de suporte > 1.25 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S27

PLANTA
ESC 1:25

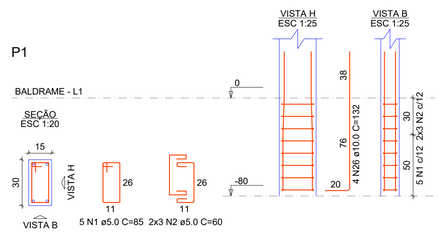


CORTE
ESC 1:25

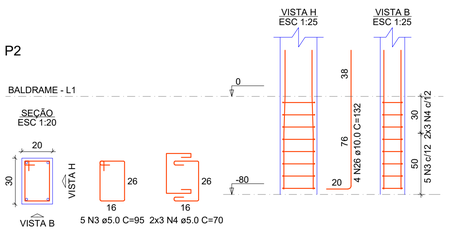


Solo com capacidade de suporte > 1.25 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

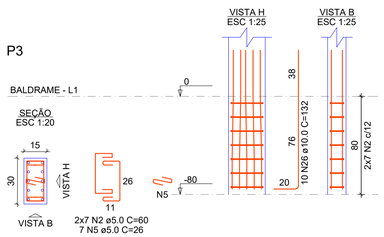
P1



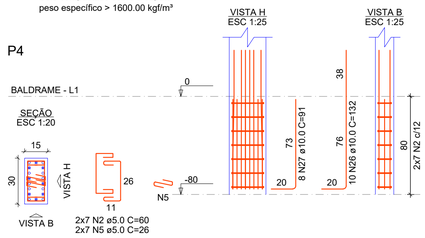
P2



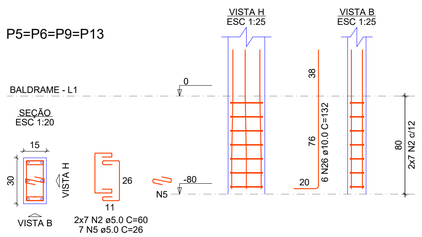
P3



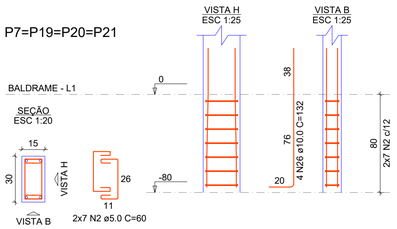
P4



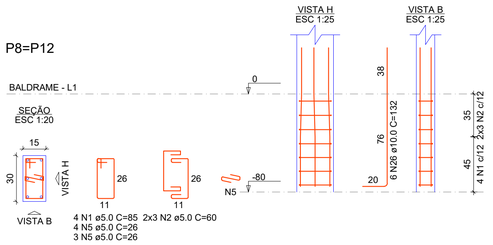
P5=P6=P9=P13



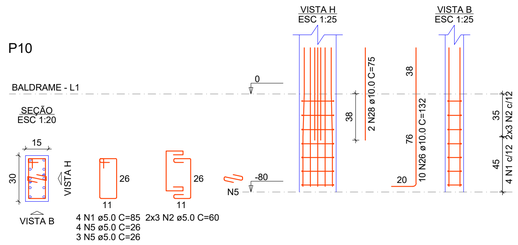
P7=P19=P20=P21



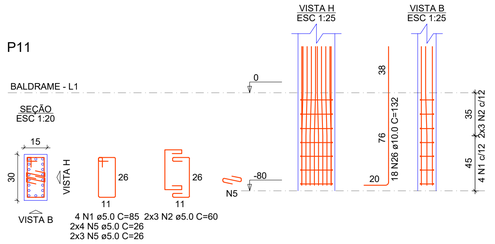
P8=P12



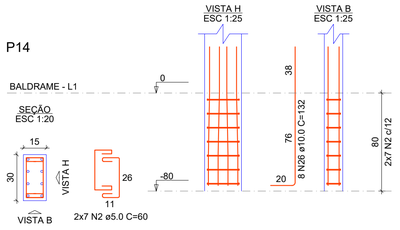
P10



P11



P14



RELAÇÃO DO AÇO

P1	P2	P3
P4	4xP5	4xP7
2xP8	P10	P11
P14	P15	2xP16
P17	P18	2xP23
3xP25	S20	2xS21
2xS24	S27	VB1
VB2	VB3	VB4

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	46	85	3910
	2	5.0	228	60	13680
	3	5.0	5	95	475
	4	5.0	8	70	420
	5	5.0	84	26	2184
	6	5.0	5	75	375
	7	5.0	6	60	360
	8	5.0	42	41	1722
	9	5.0	42	90	3780
	10	5.0	82	125	10250
	11	5.0	2	259	518
	12	5.0	37	93	3441
	13	5.0	2	425	850
	14	6.3	6	384	2304
CA50	15	8.0	23	129	2967
	16	8.0	9	139	1251
	17	8.0	20	114	2280
	18	8.0	64	174	11136
	19	8.0	6	99	594
	20	8.0	2	63	126
	21	8.0	2	79	158
	22	8.0	2	55	110
	23	8.0	2	61	122
	24	8.0	2	82	164
	25	8.0	2	277	554
	26	10.0	174	132	22968
	27	10.0	16	91	1456
	28	10.0	2	75	150
	29	10.0	2	723	1446
	30	10.0	2	888	1776
	31	10.0	1	205	205
	32	10.0	2	886	1772
	33	10.0	2	491	982
	34	10.0	2	726	1452

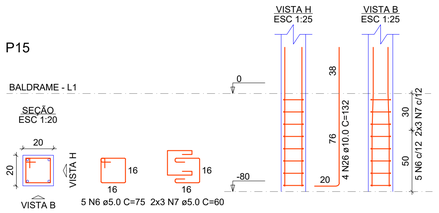
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	23	6.2
	8.0	194.6	84.5
	10.0	322.1	218.4
CA60	5.0	419.7	71.2

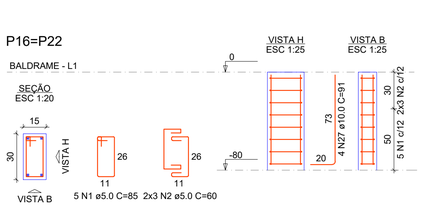
PESO TOTAL (kg)	
CA50	309.1
CA60	71.2

Volume de concreto (C-25) = 3.64 m³
Volume de concreto (C-35) = 1.48 m³
Área de forma = 38.48 m²

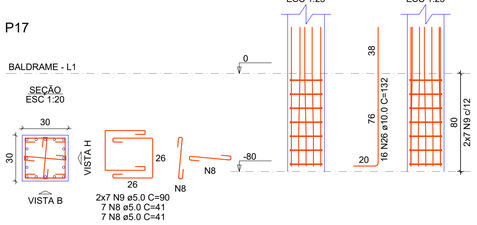
P15



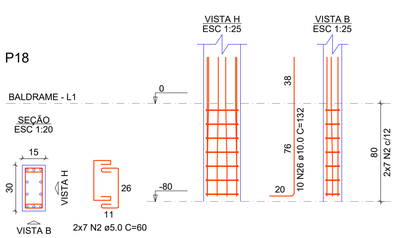
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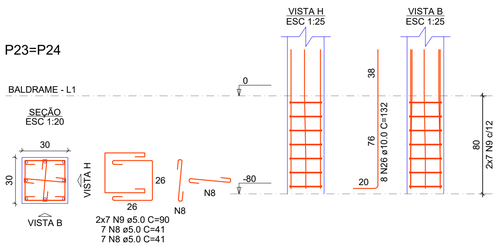
P17



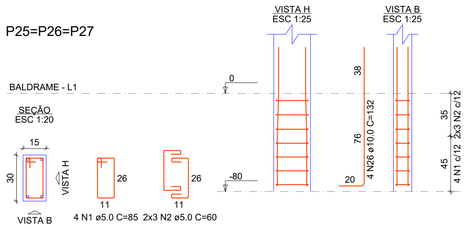
P18



P23=P24

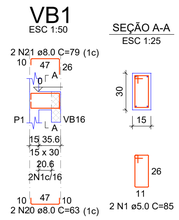


P25=P26=P27



VB1

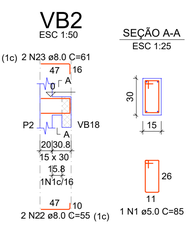
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB2

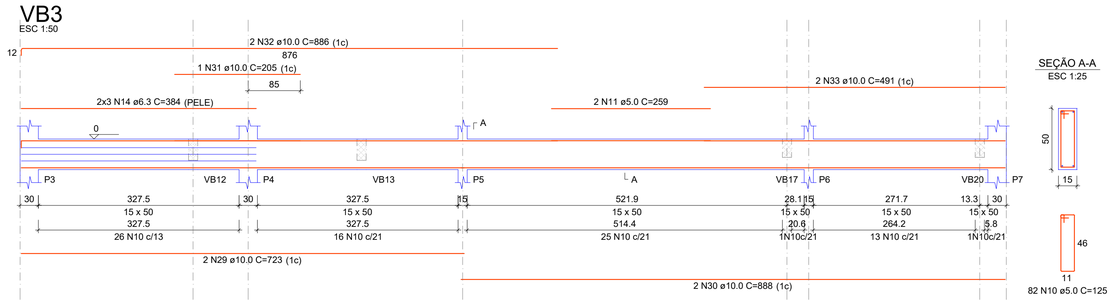
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB3

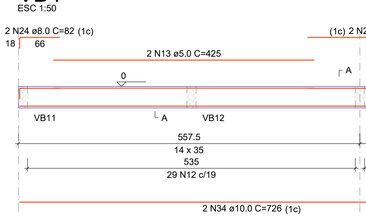
ESC 1:50



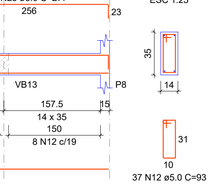
SEÇÃO A-A
ESC 1:25

VB4

ESC 1:50



SEÇÃO A-A
ESC 1:25



ANOTAÇÕES/APROVAÇÕES:

1. PROJETO ESTRUTURAL ELABORADO DE ACORDO COM AS NORMAS TÉCNICAS ABNT NBR 6118, NBR 6120 E NBR 6122;
2. OBSERVAR O FCK DO CONCRETO NAS PRANCHAS;
3. É DE RESPONSABILIDADE DOS EXECUTORES SEGUIR AS NORMAS VIGENTES PARA UMA EXECUÇÃO ADEQUADA, GARANTINDO O PERFEITO FUNCIONAMENTO E ESTABILIDADES DOS SISTEMAS PROJETADOS.

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(49) 99918-0530
par_engenharia
par.eng@outlook.com

PROJETO ESTRUTURAL

EDIFICAÇÃO:
EDIFICAÇÃO COMERCIAL DA CIDIRIOS - CONFORME PROCESSO LICITATÓRIO Nº 81/2025.

ENDEREÇO:
ROD. SC 480, KM 58, INTERIOR, IPUAÇU, ESTADO DE SANTA CATARINA .

CONTEÚDO:
DETALHES SAPATAS
DETALHES ARRANQUE DOS PILARES
DETALHES VIGAS DE BALDRAME (VB)

PROPRIETÁRIO/CONTRATANTE:
CONSÓRCIO INTERMUNICIPAL DE DESENVOLVIMENTO DA INFRAESTRUTURA RODOVIÁRIA ENTRE OS RIOS - CIDIRIOS
CNPJ: 42.973.647/0001-40

ÁREA TOTAL: 318,60 m²
PAVIMENTOS: 02
DATA: AGOSTO/2025
PRANCHA: EST 04 de 16

RESPONSÁVEIS TÉCNICOS:
ANDRESSA CORRADI PIEROZAN
CREA/SC: 188.360-1

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CREA/SC: 181.824-7